A R LOPEZ

DIAMOND ARRAY LOW-SIDELOBES FLAT-PLATE ANTENNA SYSTEMS FOR SATELLITE COMMUNICATION

92264/2042

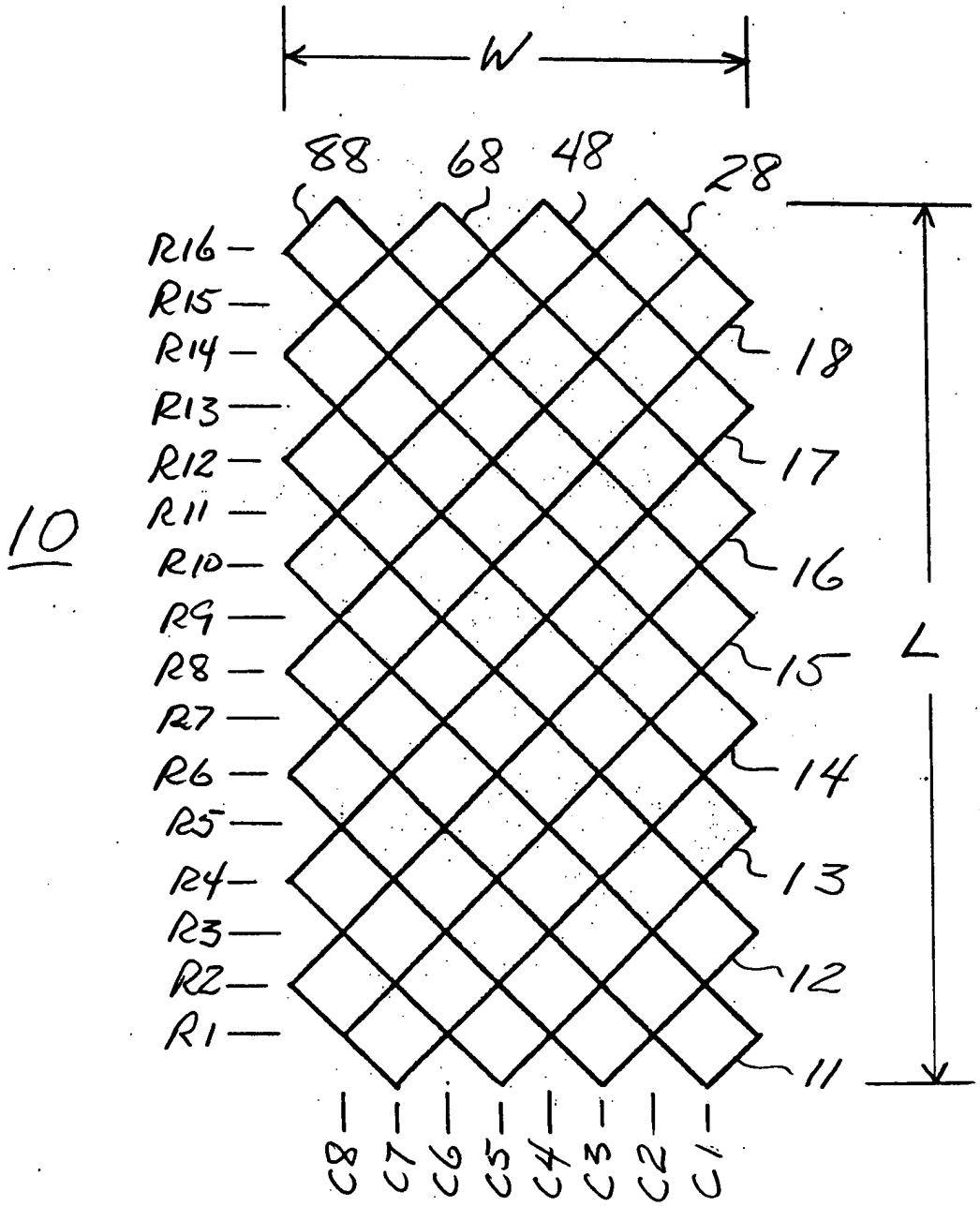


FIG. 1

A. R. LOPEZ
DIAMOND ARRAY - ANTENNA SYSTEMS

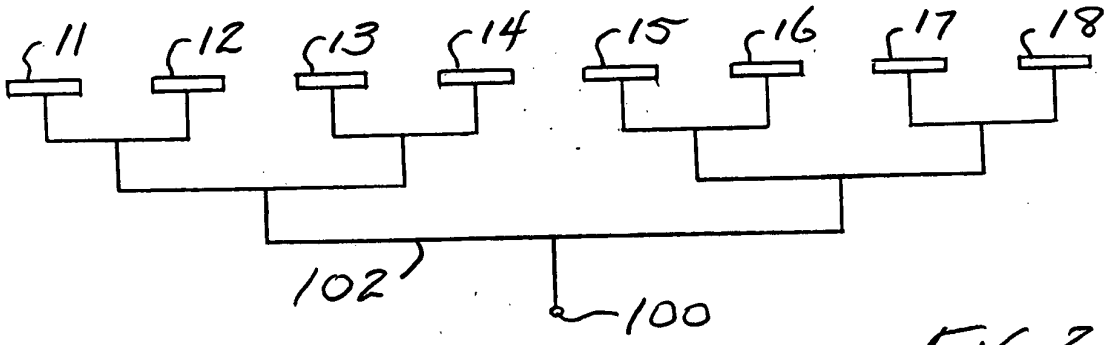


FIG. 2

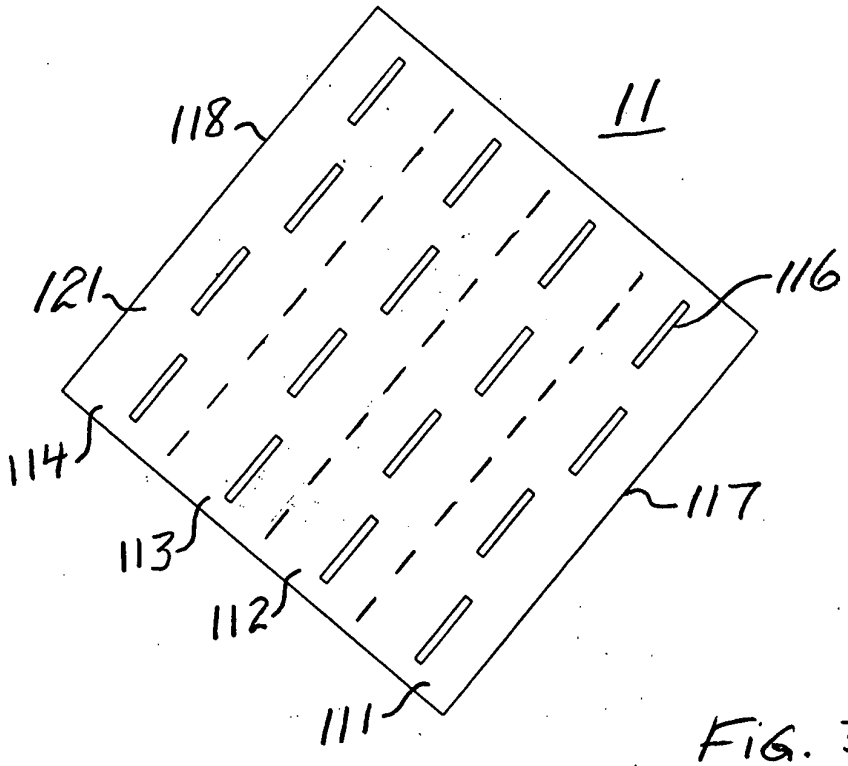


FIG. 3

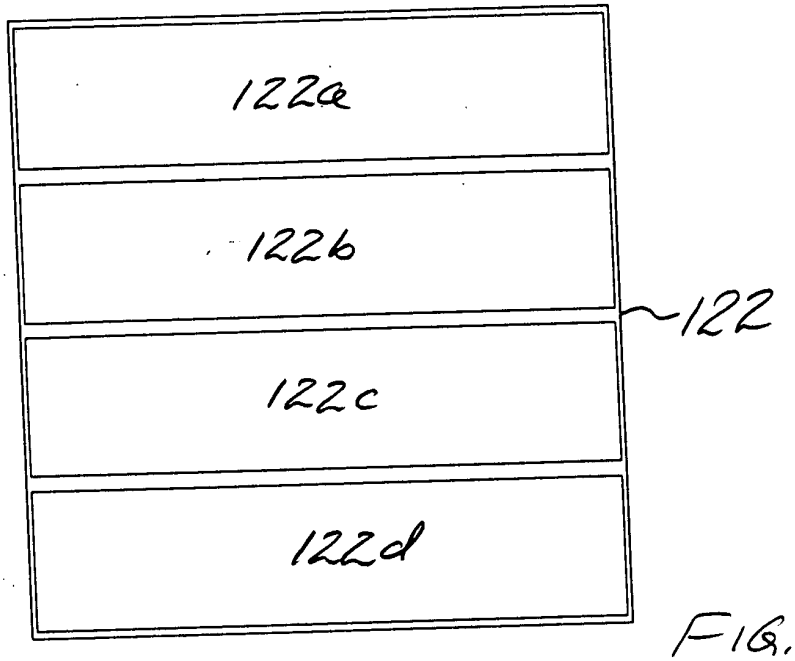


FIG. 4

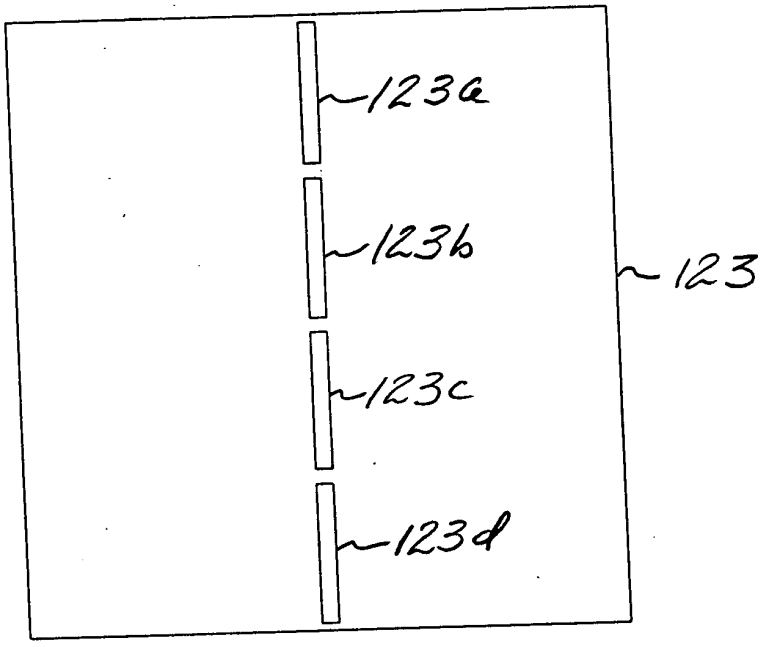


FIG. 5

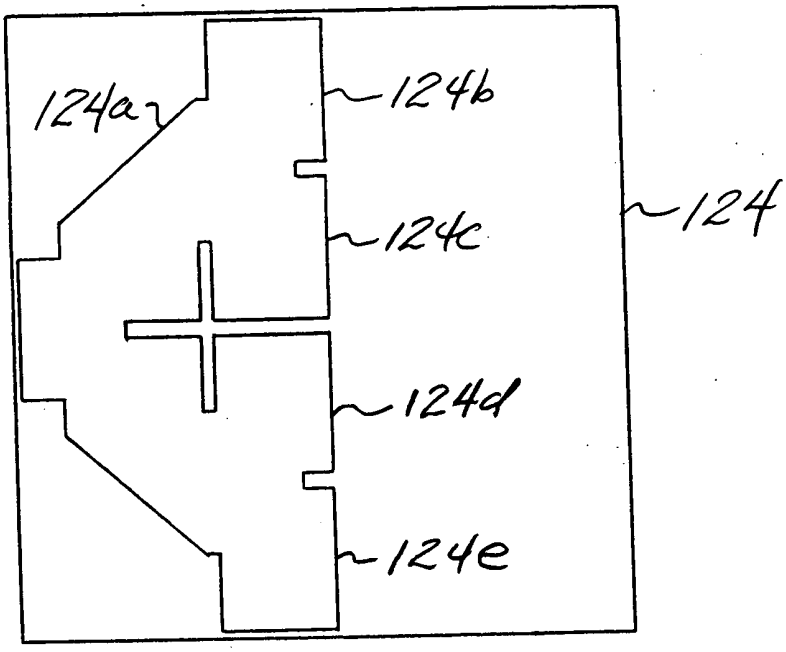


FIG. 6

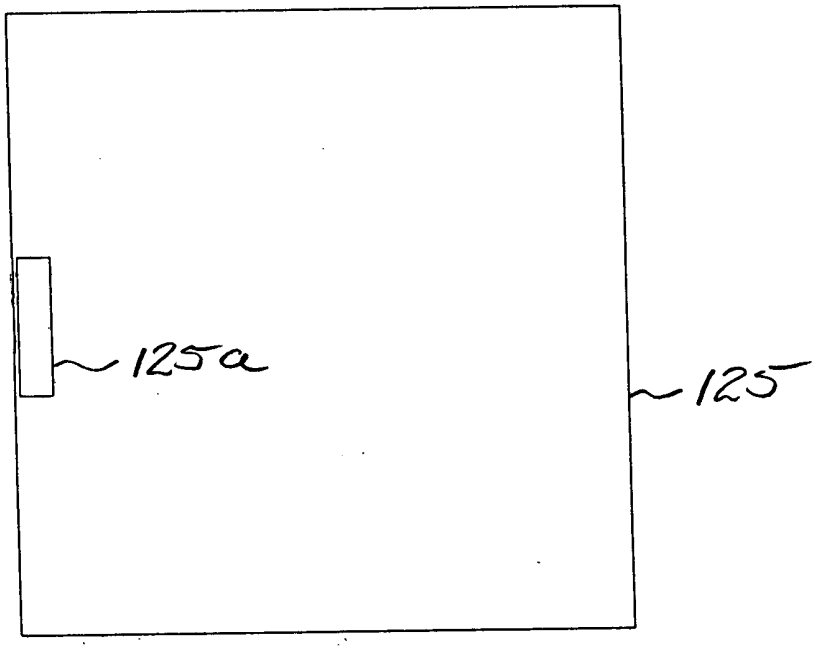


FIG. 7

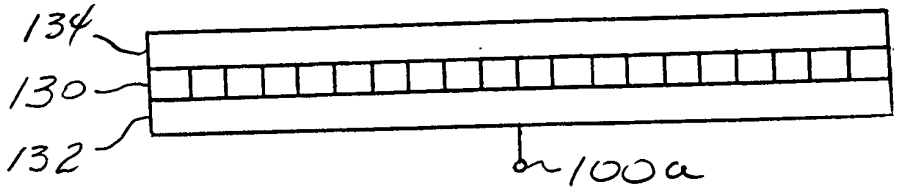


FIG 8

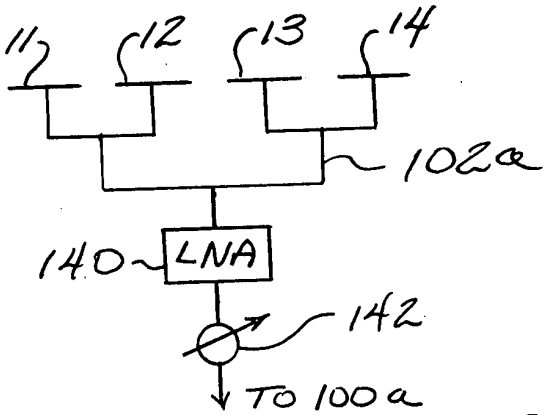


FIG. 9

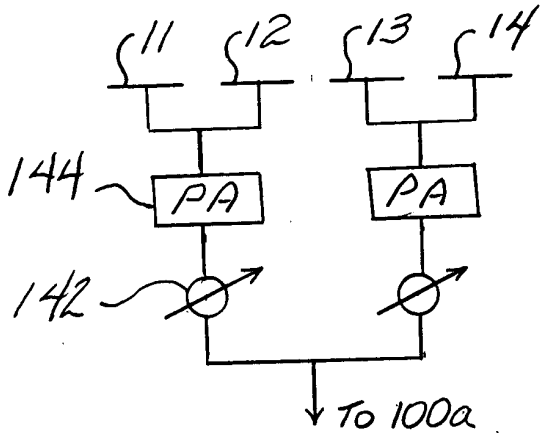


FIG. 10

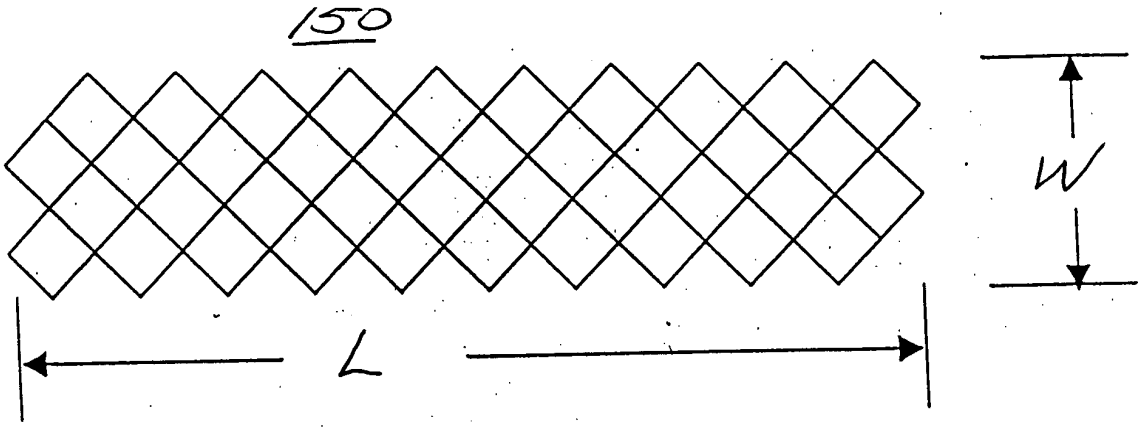

150
W
L

FIG. 11

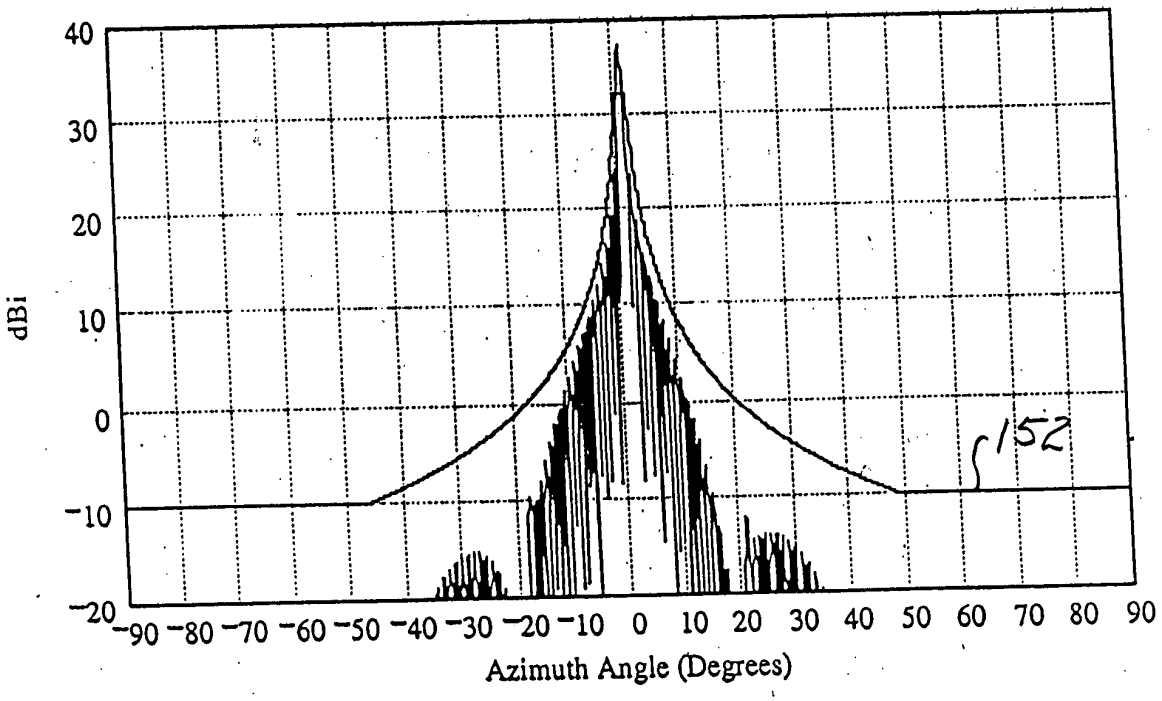
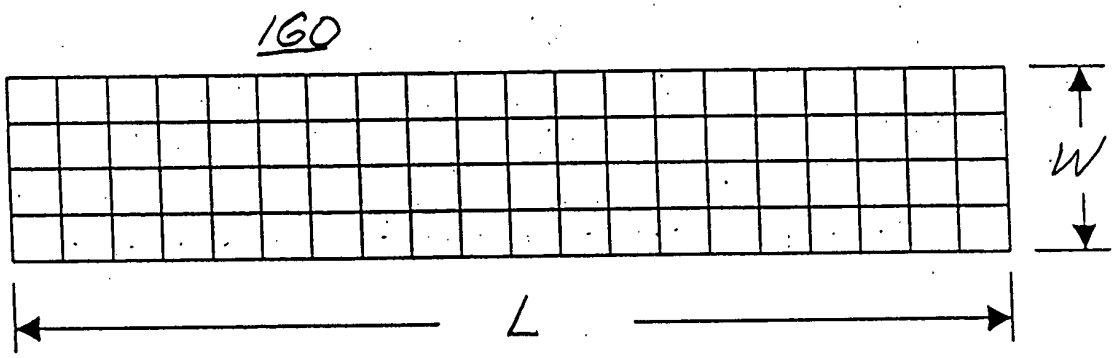
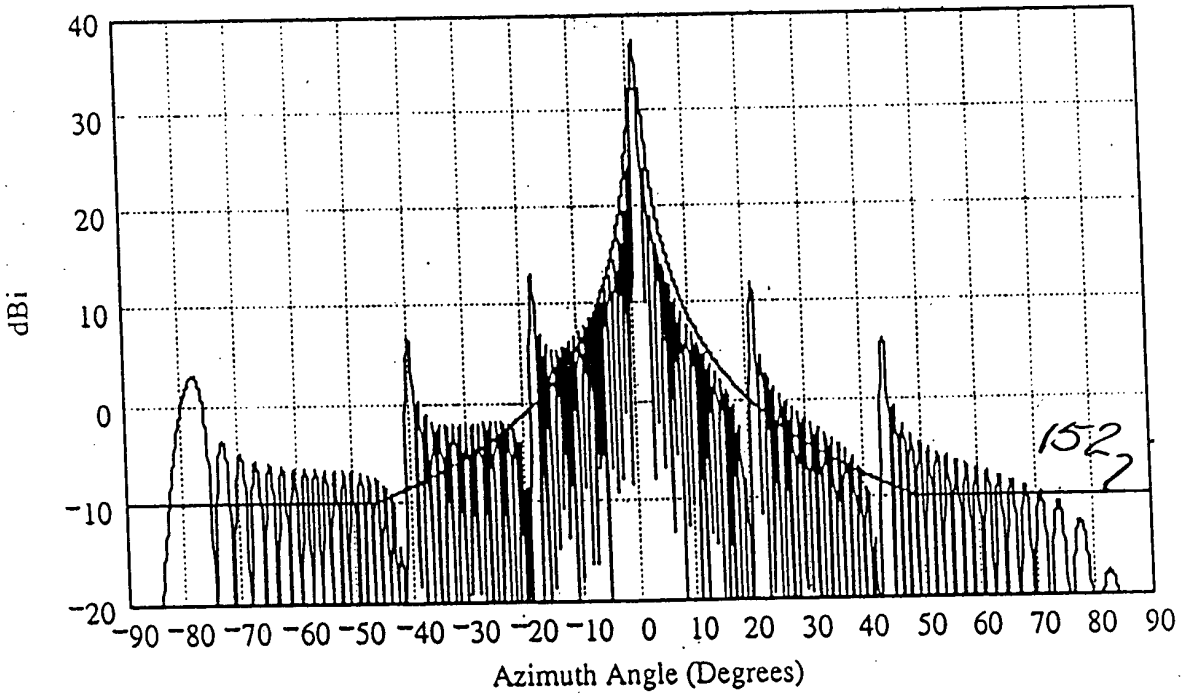

40
30
20
10
0
-10
-20
dBi
-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90
Azimuth Angle (Degrees)
152

FIG. 12

ARLOPEZ
DIAMOND ARRAY ---ANTENNA SYSTEMS---



PRIOR ART FIG 13



PRIOR ART FIG. 14